

Claims

1. An assembly of prefabricated panels for a building construction comprising:

5 prefabricated panels each having a horizontally-elongated rectangular panel body, an upper bent section formed at an upper end of the panel body to define a coupling recess extending in a longitudinal direction of the panel body while being forwardly opened, an engagement protrusion upwardly protruded from the upper end of the panel body while extending in the longitudinal direction of the panel body, a lower bent section rearwardly bent from a lower end of the panel body while extending in the longitudinal direction of the panel body, the prefabricated panels being vertically aligned while being coupled to one another such a manner that the lower bent section of an upper one of the prefabricated panels vertically adjacent to each other is fitted in the coupling recess of a lower one of the adjacent prefabricated panels;

10 corner finishing members each adapted to finish facing longitudinal ends of the prefabricated panels arranged adjacent to each other at a corner region of the building construction;

15 panel connecting members each adapted to couple facing longitudinal ends of the prefabricated panels longitudinally aligned while being adjacent to each other to define a junction therebetween;

20 longitudinal end finishing members respectively adapted to finish longitudinal ends of the prefabricated panels arranged at an end region of the building construction;

25 upper end finishing members respectively adapted to finish upper ends of uppermost ones of the prefabricated panels; and

 lower end finishing members respectively adapted to finish lower ends of lowermost ones of the prefabricated panels.

30 2. The assembly of prefabricated panels according to claim 1, wherein each of the prefabricated panels further has at least one reinforcing section rearwardly protruded from a rear surface of the panel body of the prefabricated panel while extending in the longitudinal direction of the panel body to reinforce the panel body.

35 3. The assembly of prefabricated panels according to claim 1, wherein each of the corner finishing members has a diagonal body portion, a pair of outer

extensions extending outwardly from opposite ends of the diagonal body portion in horizontal and vertical directions, respectively, a pair of inner extensions extending inwardly from the opposite ends of the diagonal body portion in vertical and horizontal directions, respectively, and a pair of outer claws protruded outwardly from the inner extensions, respectively, whereby the corner finishing member is coupled with the facing longitudinal ends of the prefabricated panels in such a manner that the facing longitudinal ends of the prefabricated panels are fitted between the outer extensions and the outer claws associated therewith, respectively.

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4. The assembly of prefabricated panels according to claim 1, wherein each of the panel connecting members has a T-shaped body having a horizontal portion and a vertical portion extending vertically, at one end thereof, from a central position of the horizontal portion, and a pair of coupling claws extending inclinedly outwardly from the other end of the vertical portion in the T-shaped body toward the horizontal portion of the T-shaped body at opposite sides of the vertical portion, respectively, whereby the panel connecting member is coupled with the facing longitudinal ends of the junction-defining prefabricated panels in such a manner that the facing longitudinal ends of the junction-defining prefabricated panels are fitted between the horizontal portion of the T-shaped body and the coupling claws associated therewith, respectively;

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5. The assembly of prefabricated panels according to claim 1, wherein each of the longitudinal end finishing members has an inverted L-shaped body having a horizontal portion and a vertical portion, and a coupling claw extending inclinedly from a substantially intermediate position of the vertical portion in the inverted L-shaped body toward the horizontal portion of the inverted L-shaped body, whereby the longitudinal end finishing member is coupled to the longitudinal end of the prefabricated panel associated therewith in such a manner that the longitudinal end of the associated prefabricated panel is fitted between the horizontal portion of the inverted L-shaped body and the coupling claw associated therewith.

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6. The assembly of prefabricated panels according to claim 1, wherein each of the upper end finishing members has an S-shaped body having upper and lower bent portions, and a coupling claw extending inclinedly inwardly from an outer tip of the upper bent portion, whereby the upper end finishing member is

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coupled with the upper end of the uppermost prefabricated panel associated therewith in such a manner that the coupling claw of the upper end finishing member is engaged with a rear surface of the associated uppermost prefabricated panel at the upper end of the associated uppermost prefabricated panel, and that the
5 lower bent portion is fitted in the fitting recess of the associated uppermost prefabricated panel.

7. The assembly of prefabricated panels according to claim 1, wherein
10 each of the lower end finishing members has an inverted S-shaped body having an upper bent portion defining a forwardly-opened coupling recess, and an engagement protrusion upwardly protruded from an upper end of the inverted S-shaped body, whereby the lower end finishing member is coupled with the lower end of the associated lowermost prefabricated panel in such a manner that the lower bent section of the associated lowermost prefabricated panel is fitted in the
15 coupling recess of the lower end finishing member.

8. The assembly of prefabricated panels according to claim 1, further comprising:

display panel mounting members each coupled with the coupling recess of
20 a selected one of the prefabricated panels, and adapted to mount a display panel for goods to the selected prefabricated panel, each of the display panel mounting having a hook adapted to be engaged with the engagement protrusion of the prefabricated panel to be coupled with the display panel mounting member, a fitting portion for fitting an end of the display panel therein, and a support portion
25 for supporting the end of the display panel fitted in the fitting portion.

9. An assembly of prefabricated panels for a building construction comprising:

first brackets adapted to be directly mounted to a wall of the building
30 construction, each of the first brackets having a vertically-extending strip structure, the first bracket having a plurality of hooks arranged in pairs such that the hook pairs thereof are vertically uniformly spaced apart from one another, and bolt holes provided at each of upper and lower end portions in the first bracket;

second brackets each adapted to be coupled to an associated one of the
35 first brackets, each of the second brackets having a vertically-extending hollow bar structure, the second bracket having a plurality of engagement holes provided at a rear wall portion of the second bracket while being arranged in pairs such that the

hole pairs thereof are vertically uniformly spaced apart from one another, each pair of the engagement holes being adapted to be engaged with an associated pair of the hooks in the associated first bracket, and a plurality of hooks provided at a front wall portion of the second bracket while being vertically uniformly spaced apart from one another; and

prefabricated panels each having a panel body, a bent section extending from an upper end of the panel body while being rearwardly and upwardly bent, a first engagement protrusion upwardly protruded from the upper end of the panel body while defining a coupling recess in cooperation with the bent section, and a second engagement protrusion downwardly protruded from a lower end of the bent section, and adapted to be engaged with an associated one of the hooks in each of the second brackets, thereby allowing the prefabricated panels to be supported by the second brackets, and a lower bent section extending from a rear surface of the panel body near a lower end of the panel body while being rearwardly and downwardly bent, the prefabricated panels being vertically aligned while being coupled to one another such a manner that the lower bent section of an upper one of the prefabricated panels vertically adjacent to each other is fitted in the coupling recess of a lower one of the adjacent prefabricated panels.